THE WORLD OF ART AND COMMENT IN

stituted by the Municipal Art Society of New York for a design for park bounded by Broadway, Sixth ave-nue and Thirty-fifth street, that ap chinery. extension of time has been allowed to entrants, and the programme may now estry loom and Miss Marion Powys be secured later than September 29, will explain the intricacles of lacethe date originally set.

R. H. Macy & Co. of three cash prizes as well as beaded bags reflecting the for a design to be subsequently car- art of the American Indian. Rare exried out under the supervision of the loaned for this exhibition by Kevorsuccessful competitor. The interest is kian. testified to by the fact that over forty requests for programmes were re- be told in an adequate exhibition of ceived from intending competitors on beauty coming into things of everythe first day of announcement in the day use. The textile and costume inpress. An exhibition of all designs dustries are far and away the most important in New York and their submitted will probably be held following the decision of the jury.

truthfully portray events and locali- art that expresses her individuality. ties of the war have just been deposited by the War Department in the already on exhibition to the public.

known to the American public. They Avery collection of Chinese cloisonne ere Capts. W. K. Aylward. W. J. enamels by the addition of seventy-Duncan, Harvey Dunn, George Harding, Wallace Morgan, Ernest Peixotto. Andre Smith and Harry Townsend, sent from Mr. Avery's home at Hart-These men were given commissions in ford. Conn., and make a notable addithe Engineer Reserve Corps and sent to France, and after recording pictorially life in the rear areas they went lung (eighteenth century) palace to the front and sketched actual combat scenes. The fighting pictures are and gilt bronze domed cover, decfrom the St. Mihiel and Argonne orated in enamel with flowering

peace," "American gunfire early mornng, opening Verdun offensive."

will be on permanent exhibition at the National Museum, will make a dome supporting a lapis lazuli sphere, which borders of champleve enamel on faithful record of America's part in with borders of champleve enamel on est and value to future generations.

public the surprising advances made flowers, leafy scrolls and grotesque plished or not smaller monuments are in decorative industrial art during the bird motives and the neck encircled last five years. When the great war by a coiling dragon in bronze; two began American manufacturers were Ch'ien-lung biberon shaped bottle greater city. thrown on their own resources by the vases, one enamelled with bats, Chi-closing of the centres of design in nese characters and vignette panels, Europe. As a result of this depriva-tion goods of high artistic merit, in emblens and lotus flowers; two every sense American, are now being Ch'ien-lung beakers, enamelled with made in the United States, where pre- lotus flowers and hieratic scrolls; a viously the lead of Europe was im- Ch'ien-lung quadrilateral vase with plicity followed. The period of doubt gilt bronze handles in the form-of pathway of future advancement and Chinese characters; a Ming pear granite monument with a heroic

manufactured by leading American fume boxes, incense boxes, seal color textile houses. The inspirations for boxes, manuscript boxes, bowls, trays, in ethnological specimens in museum terns, candlesticks, table screens and collections. Designers for the most water holders for scholars' use, manplied art of lifferent ages and peoples blems and symbols. on view in the public museums of New York and have drawn therefrom many collection have called for the conideas of practical value

ir. actual operation. Batik, tie dyeing world, and other hand crafts will be fully treated by examples in process. Nearly all the technical features of modern weaving go back to primitive times, when "Adam delved and Eve span." of which 109 were presented about a and there are many ancient types of textile construction that cannot be done with modern machinery. At this times will be brought to treat the form of cases used to display the secretion. pared in the American Misseum of Natural History in cooperation with the State Board of Education. First dog kennek several garden seats. specimens for circulating loan collecfre examples of applied art and draw-

two others to be announced later. In Marshall Field & Co. of Chicago will labels, which describe the methods of cessful achievment in

62U

CUCH wide interest has been man- give an idea of the decorative materifested in the competition in- lals now available for house furnishing. Johnson, Cowdin & Co. will exing them, Burton Brothers & Co., the improvement of the triangular printed cottons, while David Aaron & park bounded by Broadway, Sixth ave- Co. will demonstrate that beautiful

Mr. Emile Bernat will operate a tapmaking. In addition to these exhibits the work of associated artists in This project is based on the offer of hand decorated fabrics will be on view

recent industrial art-a story of proper development calls for an in-creasing number of highly trained workmen. Lifelong advantage will Several hundred sketches and paint-result from the proper training of ings made on the battlegrounds of youth in vocational and other schools, France, sometimes during actual com- and it is apparent that great problems of education must be solved if Amerbat, by eight American artists com- ica is to make and hold her place as missioned by the War Department to a nation among nations with usable

The Brooklyn Museum announce

the receipt and installation of a mu-United States National Museum at nificent gift from Mr. Samuel P. Avery. Washington, and a part of them are and that the objects are now on view in the first floor, central section, of the The eight artist-officers are all museum. The gift in question makes a climax to the already celebrated three pieces, besides which there are thirty-seven ancient Chinese bronzes and gold bronzes. All the pieces were tion in dimensions and quality to the original collection. The recently donated cloisonnes include: A Ch'ienplants and rockeries. A Chia Ching The sketches are full of life and inches high and 32 inches in diameter. bear action and will give the American supported by three cloisonne cranes, public an idea of the war unembel- and decorated in enamel with landlished by imaginative illustrators and scapes and river scenes. A Ch'ienaction writers, a thing which has and 19 inches in diameter, with gilt never before been done. A few titles bronze handles in form of ascending will give an idea of the scope of the carp, and enamel decorations of chrysenthemums, foliage and Buddhist emblems. A K'ang Hsi plant jar (sevselle," "Thiaucourt church after the enteenth century), 14 inches high and final bombardment," "A tank surprises | 27 inches in 1 ameter, with bold design and cleans up an enemy machine gun nest," "Tanks attacking early, September 25" "The pursuit United States ber 26." "The pursuit-United States tury), 30x15 inches and 10 inches high, Army crossing the old No Man's Land with elaborate floral decoration. An in the St. Mihiel sector in pursuit of the retreating enemy," "On the crest Buddhist shrine, 17 inches high. A the retreating enemy," "On the crest Buddnist shrine, 17 inches high. A of No Man's Land," "Pathway to Yung Cheng (eighteenth century) are respected temple hell 12 inches high. enamelled temple bell, 12 inches high, and a Ch'ien-lung lantern, 21 inches peoping Verdun offensive."

see paintings and sketches, which of colored glass and two sides of open-

gilt bronze. Among the larger vases ranging from 12 inches to 26 inches in height The American Museum of Natural are a Ch'ien-lung biberon shaped vase,

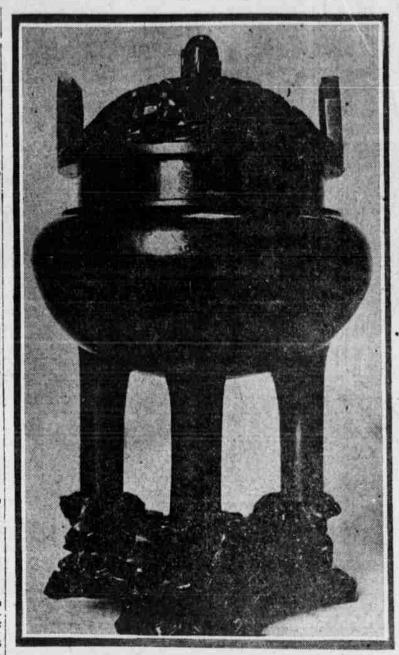
and experiment is now over and a sceptres, enamelled with flowers, bats clearly indicated toward the goal of a shaped vase, enamelled with clouds bronze group and six bronze tablets truly national art.

The exhibition will cover a variety of ber of other vases, including many subjects. A salon of costumes by crepieces of the Ming dynasty. Besides and cottons, draperies, ribbons, &c., jardinieres, presentation boxes, per-

These recent additions to the Avery On the side of mechanics the rela- cases, of which five are of the considertion between ancient and modern ma- able size of seven and a half feet long, chinery will be brought out in the his- four feet broad and seven feet high. embroidery and of other methods of a rearrangement of the entire collecmodern textile machines will be shown most important of its class in the

The total number of enamels in the H. Morahan, and the architect is Avery collection, which includes Gordon Pike. time selected specimens will be brought number of cases used to display the together from the various collections pieces is thirty-six, most of which are scription: in the American Museum to show the of unusually large dimensions. Fiffundamental relations between design teen of the wall cases are each nine and construction. Material to be used feet high by seven feet broad. Among by teachers and students of art in the the interesting objects of the older schools of New York is now being pre-schools of New York is now being pre-box, two colossal kylins or conventional lions, forty inches high, a palace the State Board of Education. Pins collection of mandarin ceremonial technical processes in weaving, actual specimens for circulating loan collection of mandarin ceremonial sceptres, and a considerable number of animal and human figures which specimens for circulating loan collections, photographs and lantern slides of the examples of applied art and draw. vised installation is the exhibition of

cial exhibitors will be: A. Beller & Co., Bound Teller & Co., Harry Collins, B. fined to vaser the great variety of two others to be approunced later. In the textile field H. R. Mailinson & Co. bakes this collection of unusual inwill thoroughly cover modern block printing and J. A. Migel will have a Jacquard loom in operation. Both will also display beautiful silk fabrics of American construction and design. Draperies by Cheney Brothers and Marshall Field & Co. of Chicago will take which desagning the modern of the second of the monument of the possible of the second of the



Chinese silver inlaid bronze incense burner, 14th century, Ming dynasty, in the Brooklyn Museum. Recently presented by Samuel P. Avery.

The designs of the silver wire inlay include four grotesque animals, posed amid diaper patterns; archaic ogre masks on the neck, and ogre masks and other hieratic motives on the legs. The name of the maker, Shih Sou (said to have been a Buddhist monk), is inscribed on a silver inlaid panel under the piece. Another four character mark on the bottom of the inside gives the owner's family or personal name, Peh Tsang, followed by the words "precious kettle." Dark olive patina. Height, 17 inches; diameter, 131/2 inches.

tory as to periods and styles.

making these enamels and their his- Prince Kung collection a Han dynasty sacrificial bowl (B. C. 266-A. D. 25), and gold bronzes, briefly mentioned at rangular jar 16 inches high; a Han the beginning of this notice Among dynasty hanging vase, 9% inches

high; a Sung dynasty sacrificial wine present installation,

vase, with gold and silver inlay, in form of the reclining sacred ox, 7

bronges with gold incrustation and

Mr. Avery's gift of his unique collec-

tion of eighty-three Chinese wall vases,

'sun spot"

enth century

Chinese Palace Cloissonne Censer, in the Brooklyn Museum, recently presented by Samuel P. Avery, Chia Ch'ing hibition to study the designs. Special attention is due the collection of thirty-seven Chinese bronzes Kung collection, a Han dynasty quadameter, 21 inches ameter, 21 inches

the beginning of this notice among dynasty naming vase, 9% inches these are a Shang dynasty wine jar high, from the Prince Kung collection; a Sung dynasty naming vase, 9% inches the gift bronze monster heads. A gift bronze gadroon borsely inches high, with antiquity of a Sung dynasty paging vase, 9% inches high, from the Prince Kung collection; a D. der surrounds the shoulder. The enamel decoration includes flowering plants and rockeries, floral borders and disper patterns. The domed cover is of gift bronze with open work and cloisonne lotus designs.

The gilt bronze handles represent horned dragons, and the cloisonne

the Art Alliance of America. It con- in 1872, he went abroad, and after a tains illustrations of the Art Ailiance short stay in London, where he med The literary and artistic properties galleries during the recent foreign and received some valuable suggesinches high, and a Ming dynasty of the late Evert Jansen Wendell handicraft exhibition which was or(fourteenth century) tripod incense other than those taken by Harvard ganized with the cooperation of the tripod incense of the sold by order of Mr. Solde from the unusually large diArt Galleries, beginning on October 15.

College will be sold by order of Mr. He Cooperation of the Gerome at the Beaux Arts. The next tonallities were represented. The litonallities were represented. The litonalliti mensions of most of these pieces their stern simplicity of design is one of the Harvard College. Dramatic books and his loom, a Hungarian room with old sort of protege of Millet's, who both stern simplicity of design is one of the Harvard College. Dramatic books and his foom, a Hungarian room of protege of Millet's, who both attestations and indications of their tracts, playbills, souvenirs and statues, embroidered covers and pillows, old criticised his work and favored into high antiquity, as above quoted.

| Harvard College. Dramatic books and his foom, a Hungarian room of protege of Millet's, who both criticised his work and favored into high antiquity, as above quoted.

gold inlay;, examples of the so-called Harris of Doylestown, Pa., will be sold bronzes, in which inlaid on October 14 at the Anderson Galler- that the arts play a large part in life fleckings of annealed gold are dis- les. Books with colored plates, works and that they can be of increasing serpersed at irregular intervals over the on art, prints, percelains, furniture vice. Community singing has already bronze surface. There are also eighteen and other artistic subjects will be of- proved its value; the community themassive gold bronze figures of Chinese fered. Beginning to-morrow the atre, with its affiliated arts of costum-Buddhist deities dating to the seven-library of Reinette L. McCrea will be ing and stage setting is being ensold at the same galleries. A pamphlet on "The Artistic Indusof which mention was made by the tries in Community Life and Ameri- borhood; and the industrial arts-

nasty sacrificial wine vase 19% inches press a year ago, is included in the | canization" has just been published by | ceived instruction. Five years later Of great rarity, exceptional beauty and generally high antiquity are the among the objects sold at auction.

With good advice. Millet's influence, of course, is evident in much of work, of Swedish girl weaving and a Eaton's pointing of this results.

couraged; small exhibits of the best paintings, sculpture and black and whites would be enjoyed in any neighfrom the public building to the humblest home, and from the gowns and jewels worn in the ballroom to the workaday clothes of men and women offer endless opportunities for original work by designers and craftsmen as producers and for appreciation by all as consumers.

The American merchant used to go to Europe and to Asia for his hand made embroideries, weavings, carvings, &c., while in this country only machine made goods were produced. The great war has opened our eyes to the need for good design and fine craftsmanship and to the fact that hand made merchandise can be produced in the United States.

We have neglected the great opportunity to develop American industrial art through encouraging the foreign craftsman within our gates to work in the beautiful trade that he followed in his own country. By helping him to continue it the art of the United States would gain greatly.

The Art Alliance of America has made a survey of the needs of the artistle industries in New York city and as a result has established an artistic industries section under the direction of Mrs. Annette Storner Pascal. The first step was the recent exhibit tarily, from the supreme interest of foreign handicrafts held during June in the New York galleries of the Art Alliance of America.

The great interest taken by the public and press in this exhibition has fection in pictorial art. brought definite results. Orders have been placed by manufacturers, whole-sales distributers, retailers and In-are in public museums—the Ariadae dividuals, thus providing remunerative occupation for the foreign workers. Neighborhood houses have established work rooms, and craft groups are being formed. Cooperation has been requested through letters, telegrams and personal interviews from people interested in Americanization Numerous classes from public, trade and art schools came to the ex-

The pamphlet devotes a chapter to reighborhood houses as centres for the foreign born craftsmen, telling how the work should be organized. also a list of the artistic industries that need the services of the craftsman.

The Metropolitan Museum of Art as announced the following lectures for the present year:

November 2, "Egyptian Arts and Crafts," Berenice M. Cartland, the Metropolitan Museum of Art.

R. Abbott, the Metropolitan Museum of Art.

December 7, "Chinese Painting," V.

G. Simkhovitch, professor Columbia December 14, "Japanese Painting."

Howard Mansfield trustee the Metropolitan Museum of Art. December 28, "Etching," Joseph money has grown to four times its Charles Moore, National Commission of Fine Arts.

December 28, "Eetching," Joseph Pennell, artist and author. January 4, "The Neglected Art of Drawing," Alfred Mansfield Brooks, professor Indiana University, January 11, "The Ideal in American Sculpture," Mrs. Herbert Adams, au

ferred type of memorial, and it will be January 18, "Practice of Medieval Craftsmanship," Clement Heaton, art

> January 25, "The Medizeval House, February I. "French Country Houses," Mrs. John W. Alexander, Houses," and interior decorator, "What Constitutes Cornell,

"What Constitutes February 22, "What Constitutes Taste in Dress," Ruth Wilmot, Teach-

February 29. "The Architectural Growth of New York," Richard F. Bach, Metropolitan Museum of Art. March 7, "Dutch and Flemish Fur niture," Charles R. Richards, director Cooper Union, March 14, "Rugs of Asia," A. U

Dilley, lecturer. March 21, "Architectural Prints," William M. Ivins, Jr., Metropolitan

Museum of Art. March 28, "Seymour Haden," Royal Cortissoz, critic and author. These lectures will be held on urday afternoons.

In a recent number of Art in Amgives to steel the desirable property of erica, F. F. Sherman wrote interestbe a painter of the nude mentioned by The Ariadne in the Evas collection at the National Gallery, the critic We see the addition of magnesium calls "one of our three greatest paint-

> Wyatt Eaton, whose parents were of New England stock was born May 6, 1849, at Phillipsburg, on Missiquo Bay, a tributar, of Lake Champiain As early as his eighteenth year he had determined upon his career, and going to New York began the study of ar at the National Academy of Design under Samuel Colman, Daniel Huntington and others, working at the same time in the studio of Joseph Orion Eaton, from whom he also re

mong the objects sold at auction.

Work, & Swedish girl weaving and a Eaton's painting of this period, but he complete Bohemian costume. The Art Alliance of America believes imitator, and very soon thereafter had developed a very characteristic as well as a very distinguished style of his own. Shortly after his return to this country he joined with Walter Shirlaw, Augustus St. Gaudens and others in the formation, in 1877, of the Society of American Artists, of which he

> though unfinished, hardly less lovely than the Ariadne. Formerly the property of the late William M. Chase and entitled "Lassitude," it is a fascinating study of r. model resting against greenish drapery in slumberous relaxation, the light falling full upon the figure and emphasizing the graceful physical beauty of the supple form and the evanescent pearl and ivory tone of the nude flesh. The workmanshi is wonderful in its suggestion of painter's understanding of the mob lem; everything is finished in its finality as far as he has gone with the can vas; and because one feels how surely it would have eventually realized all

The remaining nude of Eaton's is.

was the first secretary.

expectations if he had lived to con plete it it has somehow almost the distinction of a finished work. The "Reverie" is a picture of more popular pattern, but a very unusual and expressive one. Its chief interest mood, though the obvious elegance

is as an interpretation of a particular the arrangement or design is too apparent not to occasion remark. brushwork is very deft, the touch figent and the color gracious and reserved, as befits the subject. No detail of dress or surroundings is sufficiently developed to divert one's attention, howsoever slightly or momen the canvas, and yet the fabrics of the costume are painted with consummate skill and the reflection in the mirror is well nigh a real piece of pure per-Wyatt Eaton's oil paintings are not

at Washington, the "Harvester at Rest" in the Hillyer Art Gallery, Northampton, Mass., and the William Cullen Bryant in Brooklyn. Severa others I am familiar with are in private collections, besides a number of portraits in Canadian work in oil is, I think, almost as lovely as it is rare, and any representative exhibition of it would, I feel confident result in a belated realization of the genuineness of his genius and might rank him with the relatively few American masters.

One unconsciously recalls the old saying about "those whom the gods love dying young" when looking at the most beautiful of Wyatt Enter's pictures though, save in the sense that he did not live to be an old man, he was not really young when death overtook him. He died June 7, 1896, at Newport, R. L. in his forty-righth year His works, whether portrait, figure composition, nude or ways have about them an air of clas-

sic simplicity.

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War Monuments Now Building in America

Industrial art with special relation to textiles and costumes to open on Note that the art with special relation to textiles and costumes to open on Note that the art with special relation to textiles and costumes to open on Note that the art with special relation to textiles and costumes to open on Note that the art with special relation to the art with special relation to the consist of the committee are being erected. Nowember 9, "The Parthenon and Its Sculptures," Clarence H. Young, professional workers and the general public the surprising advances made on this memorial. Queens, given by citizens of Glendale, is a granite art with special relation to the attention of teachers, students, professional workers and the general public the surprising advances made on this memorial. On this memorial. Nowember 9, "The Parthenon and Its Sculptures," Clarence H. Young, given by citizens of Glendale, is a granite attention of teachers, students, professional workers and the general public the surprising advances made of the clitzens of Glendale, is a granite attention of teachers, students, professional workers and the general public the surprising advances made of the clitzens of Glendale, is a granite attention of teachers, students, professional workers and the general public the surprising advances made of the clitzens of Glendale, is a granite attention of teachers, students, and the professional workers and the general professional workers and the general professional workers and the general professional workers and the great world war. It is to consist of on this memorial. Not on this memorial. New York is in the various dark the followers are professional workers and the great world war. It is consist of on this memorial. New York is in the various dark the followers. The professional world war. It is consist of on this memorial is Sculptures, "Clarence H. Young, professional world war. It is to consist of on the clitzens of Glendale, is a granite attention of teachers, students, and the professional world wa to be set up in various parts of the

There are in fact seven such monuments in course of building at the mission of designs for statues and flag staffs which are contemplated. The seven accepted designs comprise a

for Prospect Park in Brooklyn. Augustus Lukeman is the sculptor. ative artists in woman's dress will be a large number of incense burners, the appular attraction, as well as a dissolated and following classes of objects are repthe architect is Arthur D. Pickering. play of striking designs in dress stiks resented by varied examples: Jars, The Prospect Park Memorial Board is the sponsor for this monument.

these creations often find their sources dishes, libation cups, wine pots, lan-Sculptor Lukeman and architect Red Hook Park (Brooklyn) memorial progressive houses in America have darin hat stands, snuff bottles, medi- given by the Third Memorial Comstudied carefully the examples of ap- cine bottles and Buddhist delties, em- mittee of Brooklyn. It is a heroic bronze statue of a doughboy on a massive granite base.

The Eighth Assembly District struction of eight additional upright Memorial Committee of Brooklyn will erect in Carroll Park a great monument of Stony Creek granite with a tory of the loom, of block printing, of The new installation has also involved face and a bronze tablet containing weaving and decorating cloth. Several tion, already known as the largest and bood who served in the war. The sculptor for this memorial is Eugene

IN LOVING MEMORY
TO THOSE BRAVE MEN OF THIS
VICINITY WHO IN 1917 AND 1918
TOOK UP ARMS IN WAR AND
DIED THAT FREEDOM MIGHT LIVE.
THROUGH THEIR NEIGHBORS THE
ALBANY HEIGHTS PATRIOTIC
LEAGUE ERECT THIS MONUMENT
ANNO DOMINI MDCCCCXIX.

Resting on the altar a plain slab with simple Greck fret six inches wide forming a border has a sunken panel which bears the names of the twentys that illustrate the natural history vised installation is the exhibition of four men who have fallen for their twenty-one of these human figures in a single case.

As distinct from collections of Chi-The inscription and the names of the heroes are carved in

sculptor being Anton schaar and the names of those memorialized are all to whom and by whom the memorial November 23, "Design in Architects Helmle & Corbett, Another names of those memorialized are all to whom and by whom the memorial ture, Sculpture and Painting," Edith memorial being built in Queens is a in incised letters on the various faces. is erected, while on the other three flagpole for Public School 34, at the The Abingdon Square suggested faces are to appear the names of the corner of Springfield road and Hollis memorial, for which plans have been enrolled men from this neighborhood avenue. C. B. Snyder, superintendent approved and work begun, is the gift who were lost in the war. The exact J. Arthur MacLean, the Cleveland

present time, while others are waiting rial to soldiers, sailors, marines and commemorates the deceased soldiers

of school buildings, has the work in of the Jeffersonian Club, through location of this rostral column is 139th Museum of Art. charge. It is described as a memo- Charles W. Culkin, 48 Jane street. It street and Third avenue. for the approval of the city's art com- nurses of Queens, Bellaire, Creedmoor and sailors of Greenwich Village, that for the Chelsea men who were University. A proposed handsome memorial is in the war. A committee which started work on it and which was at first con-KININGKORONIKOHINIHIKIKOKOKOKOKOKOKOKOKOKOKOKOKOKOK tent to raise a monument costing \$5,000 has found that this sum of amount and the ideas for the monument have increased with the sub-

> Research and Industry ist. MERICANS have, it is thought, Henry A. Frost, professor Harvard only begun to understand wnat University. I h properly conducted research can do for industry. The possibilities on

scriptions. The slogan of the Chelsea

neighborhood is, "They Must Not Be

Forgotten," and Chelsea has proved it

unanimity. A fountain is the pre-

rected at a cost of \$20,000.

good one by subscribing with

new discoveries in almost every new of industrial endeavor are virtually limitless. Hundreds of men sixted with Teachers College.
February 15, "What Constitutes of industrial endcavor are virtuany Taste in Design," Grace Cornell the genius for research could give their lives to investigation in the field Lee Ackerman, interior decorate. of even a single industry and still not exhaust that field of its research opportunities. In fact research is in ers College. that respect different from ordinary business; the greater the number of researchers the greater is the progress in a given field. Every new discovery in manufac

turing creates new problems, and the chances for discovery become continually greater as more is learned of the materials that enter into the arts and manufactures. There may be cited some instances from the domain of iron and steel as follows: We see tremendous advances made

in imparting new properties to those old metals by means of mere traces of other metals. For example, it has been found that a mere trace of copper resisting corrosion, while the addition ingly of Wyatt Eaton's ambition to in small amounts of vanadium or tungsten to steel affords a supersteel with his mother in her sketch of her life certain physical properties far beyond those of any ordinary steel.

giving to aluminum new properties of ings of the nude." strength and casting quality which immediately make this metal available in a large way for use in automobiles and airplanes. Such matters as these. where a metal has conferred upon it entirely novel properties and thereby enters an immense new field of usefuless by the addition of very small amounts of some other metal or metals, belong in the field of those things that cannot se predicted by existing scientific theories,